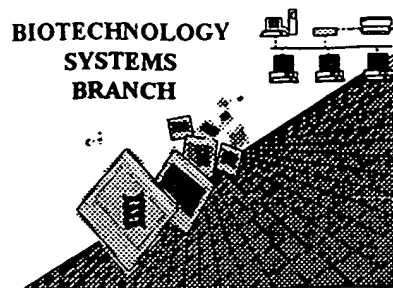


# **RAW SEQUENCE LISTING** **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/834,794

Source: OIPE

Date Processed by STIC: 5/8/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

## **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**  
**<http://www.uspto.gov/web/offices/pac/checker>**

# Raw Sequence Listing Error Summary

## ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/834,294

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics      The number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2      Wrapped Aminos      The amino acid number/text at the end of each line "wrapped " down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3      Incorrect Line Length      The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4      Misaligned Amino Acid      The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs  
Numbering      between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5      Non-ASCII      This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.  
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6      Variable Length      Sequence(s)      contain n's or Xaa's which represented more than one residue.  
As per the rules, each n or Xaa can only represent a single residue.  
Please present the maximum number of each residue having variable length and  
indicate in the (ix) feature section that some may be missing.
- 7      PatentIn ver. 2.0 "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid  
sequence(s)                     . Normally, PatentIn would automatically generate this section from the  
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section  
to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223>  
sections for Artificial or Unknown sequences.
- 8      Skipped Sequences      Sequence(s)      missing. If intentional, please use the following format for each skipped sequence:  
(OLD RULES)      (2) INFORMATION FOR SEQ ID NO:X:  
                    (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")  
                    (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:  
                    This sequence is intentionally skipped  
  
Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9      Skipped Sequences      Sequence(s)      missing. If intentional, please use the following format for each skipped sequence.  
(NEW RULES)      <210> sequence id number  
                    <400> sequence id number  
                    000
- 10      Use of n's or Xaa's      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
(NEW RULES)      Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
                    In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11      Use of "Artificial"      Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules.  
(NEW RULES)      Valid response is Artificial Sequence.
- 12      Use of <220>Feature      Sequence(s)      are missing the <220>Feature and associated headings.  
(NEW RULES)      Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial Sequence" or "Unknown"  
                    Please explain source of genetic material in <220> to <223> section.  
                    (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13      PatentIn ver. 2.0 "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted  
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).  
Instead, please use "File Manager" or any other means to copy file to floppy disk.

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/834,794

DATE: 05/08/2001  
TIME: 15:44:28

Input Set : A:\Seqlist.txt  
Output Set : N:\CRF3\05082001\I834794.raw

Does Not Comply  
Corrected Diskette Needed

*pp1-5*

3 <110> APPLICANT: Lawrence, Papsidero  
4 Lyn, Dyster  
5 Jana, Frustaci  
7 <120> TITLE OF INVENTION: Detection and Treatment of Breast Cancer  
9 <130> FILE REFERENCE: 3380/11127-US4  
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/834,794  
C--> 12 <141> CURRENT FILING DATE: 2001-04-13  
14 <150> PRIOR APPLICATION NUMBER: 09/146,580  
15 <151> PRIOR FILING DATE: 1998-09-03  
17 <150> PRIOR APPLICATION NUMBER: 60/071,899  
18 <151> PRIOR FILING DATE: 1998-01-20  
20 <150> PRIOR APPLICATION NUMBER: 60/092,155  
21 <151> PRIOR FILING DATE: 1998-07-09  
23 <160> NUMBER OF SEQ ID NOS: 35  
25 <170> SOFTWARE: PatentIn version 3.0  
27 <210> SEQ ID NO: 1  
28 <211> LENGTH: 127  
29 <212> TYPE: PRT  
30 <213> ORGANISM: Homo sapiens  
32 <220> FEATURE:  
33 <221> NAME/KEY: UNSURE  
34 <222> LOCATION: (70)..(70)  
35 <223> OTHER INFORMATION: Xaa at position 70 is either Arg or Gly  
38 <220> FEATURE:  
39 <221> NAME/KEY: UNSURE  
40 <222> LOCATION: (91)..(91)  
41 <223> OTHER INFORMATION: Xaa at position 70 is either Lys or Asn  
44 <400> SEQUENCE: 1  
46 Met Gln Gln Arg Gly Leu Ala Ile Val Ala Leu Ala Val Cys Ala Ala  
47 1 5 10 15  
49 Leu His Ala Ser Glu Ala Ile Leu Pro Ile Ala Ser Ser Cys Cys Thr  
50 20 25 30  
52 Glu Val Ser His His Ile Ser Arg Arg Leu Leu Glu Arg Val Asn Met  
53 35 40 45  
55 Cys Arg Ile Gln Arg Ala Asp Gly Asp Cys Asp Leu Ala Ala Val Ile  
56 50 55 60  
58 Leu His Val Lys Arg Xaa Arg Ile Cys Val Ser Pro His Asn His Thr  
59 65 70 75 80  
61 Val Lys Gln Trp Met Lys Val Gln Ala Ala Xaa Lys Asn Gly Lys Gly  
62 85 90 95  
64 Asn Val Cys His Arg Lys Lys His His Gly Lys Arg Asn Ser Asn Arg  
65 100 105 110  
67 Ala His Gln Gly Lys His Glu Thr Tyr Gly His Lys Thr Pro Tyr  
68 115 120 125  
70 <210> SEQ ID NO: 2  
71 <211> LENGTH: 104  
72 <212> TYPE: PRT

*91 (see below)*

*OK*

## RAW SEQUENCE LISTING

DATE: 05/08/2001

PATENT APPLICATION: US/09/834,794

TIME: 15:44:28

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\05082001\I834794.raw

73 <213> ORGANISM: Homo sapiens  
 75 <220> FEATURE:  
 76 <221> NAME/KEY: UNSURE  
 77 <222> LOCATION: (47)..(47)  
 78 <223> OTHER INFORMATION: Xaa at position 47 is either Arg or Gly  
 81 <220> FEATURE:  
 82 <221> NAME/KEY: UNSURE  
 83 <222> LOCATION: (68)..(68)  
 84 <223> OTHER INFORMATION: Xaa at position 47 is either Lys or Asn *68 (see below)*  
 87 <400> SEQUENCE: 2  
 89 Leu Pro Ile Ala Ser Ser Cys Cys Thr Glu Val Ser His His Ile Ser  
 90 1 5 10 15  
 92 Arg Arg Leu Leu Glu Arg Val Asn Met Cys Arg Ile Gln Arg Ala Asp  
 93 20 25 30  
 95 Gly Asp Cys Asp Leu Ala Ala Val Ile Leu His Val Lys Arg Xaa Arg  
 96 35 40 45  
 98 Ile Cys Val Ser Pro His Asn His Thr Val Lys Gln Trp Met Lys Val  
 99 50 55 60  
 101 Gln Ala Ala Xaa Lys Asn Gly Lys Gly Asn Val Cys His Arg Lys Lys  
 102 65 70 75 80  
 104 His His Gly Lys Arg Asn Ser Asn Arg Ala His Gln Gly Lys His Glu  
 105 85 90 95  
 107 Thr Tyr Gly His Lys Thr Pro Tyr  
 108 100  
 110 <210> SEQ ID NO: 3  
 111 <211> LENGTH: 18  
 112 <212> TYPE: PRT  
 113 <213> ORGANISM: Homo sapiens  
 115 <400> SEQUENCE: 3  
 117 Thr Glu Val Ser His His Ile Ser Arg Arg Leu Leu Glu Arg Val Asn  
 118 1 5 10 15  
 120 Met Cys  
 123 <210> SEQ ID NO: 4  
 124 <211> LENGTH: 16  
 125 <212> TYPE: PRT  
 126 <213> ORGANISM: Homo sapiens  
 128 <400> SEQUENCE: 4  
 130 Lys Asn Gly Lys Gly Asn Val Cys His Arg Lys Lys His His Gly Lys  
 131 1 5 10 15  
 133 <210> SEQ ID NO: 5  
 134 <211> LENGTH: 19  
 135 <212> TYPE: PRT  
 136 <213> ORGANISM: Homo sapiens  
 138 <400> SEQUENCE: 5  
 140 Asn Ser Asn Arg Ala His Gln Gly Lys His Glu Thr Tyr Gly His Lys  
 141 1 5 10 15  
 143 Thr Pro Tyr  
 146 <210> SEQ ID NO: 6  
 147 <211> LENGTH: 3117

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/834,794

DATE: 05/08/2001  
TIME: 15:44:28

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\05082001\I834794.raw

148 <212> TYPE: DNA

149 <213> ORGANISM: Homo sapiens

151 <220> FEATURE:

152 <221> NAME/KEY: unsure

153 <222> LOCATION: (1)..(3117)

154 <223> OTHER INFORMATION: n at any position in the sequence may represent a or g or c or (t/

158 <400> SEQUENCE: 6

*line exceeds 72-character-limit (see item 3 on Ensembl summary sheet)*

W--> 159 aacatcctca cttgtgttgc tgtcagtgc tgtanggcag gcaggaatgc agcagagagg 60  
161 actcgccatc gtggccttgg ctgtctgtgc ggccctacat gcctcagaag ccatacttcc 120  
163 cattgcctcc agctgttgca cggaggtttc acatcatatt tccagaaggc tcctggaaag 180  
165 agtgaatatg tgtcgcatcc agagagctga tggggattgt gacttggctg ctgtcatcct 240  
W--> 167 tcatgtcaag cgcngaagaa tctgtgtcag cccgcacaac catactgtta agcagtggat 300  
W--> 169 gaaagtgcga gctgccaana aaaatggtaa aggaaatgtt tgccacagga agaaacacca 360  
171 tggcaagagg aacagtaaca gggcacatca ggggaaacac gaaacatacg gccataaaac 420  
173 tccttattag agaactctaca gataaatcta cagagacaat cccccaagtg gacttggcca 480  
175 tgattggttg taagttttatc atctgaattc tccttattgt agacaacaga acaaaaacaaa 540  
177 atattggttt ttaaaaaatg aacaattgtg ccgtatgcaa atgtacccaa taatatactc 600  
W--> 179 cactggaaaa tgaatgaaa aaannatact ggctgggtat ggtgggtccc cccttttctc 660  
W--> 181 ccannnnctt cgggaggcag aggcaggagg atcacttgag accaggantt ngagacnagc 720  
W--> 183 tnggggcaaa anagcaanga cntcatttnt acaaacnaaa aaaaannntt gcccggcntg 780  
W--> 185 gtagnacttg cntataatcc cagcnacatg ggaggtngag gtgggaggat cacttgagtc 840  
W--> 187 tggngaggtt ngaggtngca gtgagcagcn tgggtgacag aatgnagacc ntgtctctaa 900  
W--> 189 aaataataat aataatgata gtgtatatct tcatataata ttttaagnag gagcatatag 960  
W--> 191 atataacttn ctcccaactt tttaattata gttttccaaa cttacagaga agttaaaaga 1020  
193 atggtacaat gaacatctat atatctttca ccacaatatt aatcattgtt aatattgtgc 1080  
W--> 195 cacatttgc tctctctctc tctcttggta ggggttncaa tataaaatat tataactttt 1140  
197 aaaatatatc ttgttttgc aaccattgga aaataagttg caaaaatcat gacacttcac 1200  
W--> 199 cctagtttc ttttnggtgt tataacttga cataccctaa aataaagaca tttttctaca 1260  
201 taatcacctt atcagtttta tacctaaaaa attaataatt tcatctaata tattccatat 1320  
203 tcaaattttc ccaactatct agagagcatt ttatgtagtt tttttttcac tccagtaatc 1380  
W--> 205 aatcaaggtn gacatacata ttgcaaatat ttgttatatt tctttaatat ctttcaatct 1440  
207 aagaaagtgc ctctgtcttt tttttttaat ttttaaaatt attttgttga gggagggtct 1500  
209 tgctgtgtct tccaggtctg agtgcagtgg cacaattttg attttggctc actgaagcct 1560  
W--> 211 caacttttag gctcaagcaa tctctccacc tcagcctncc cgagtatctg ggatcaagggt 1620  
213 gcatacccac cacacctggc taattttgtt tattttttgt agagacaggg tctcactatg 1680  
215 ttgcccaggt tgatctcaaa ctctctgggt caagcgatcc tcccacctta gcctocccaa 1740  
217 gtactgggat tataggtgtg agccacagtg cctggcctaa ttattttctt gtgatcaaat 1800  
219 tcagggtttta tgtttttggt taagaatttc ctacgtgaat tctgttactt attttgtcat 1860  
221 tttagagtcca taaatattag ggtttatttt ctaaatagaa tagtttaaac taaatataac 1920  
223 ttcaaaaacgt ctagtgttag tagctaccgt tgtttgatt gaaattttct gatactgaaa 1980  
W--> 225 agaacaaaaa gcctgccttt ctgcccanaa csnnrtgcyt cccccagtna gttcttggng 2040  
W--> 227 cagnactagt tagggnccca gagttnggcc ttngkggtg tgattttang yctgcctaa 2100  
W--> 229 acaaggngcn wacatytttt agctcctatt ccaccyttct namamgtttt tgttgktgtt 2160  
W--> 231 tgnttggttt tttkgagaca grrntnnyt ctgtttgccc argctggart tgcagtggca 2220  
W--> 233 caatytnngy tncattgcaa cytcngcytc cssgccgttc aaktgatyyt cttgcytcag 2280  
W--> 235 cytccccaa taantgatat tacaggngcc cagccaccam accccgntga wttttgtatt 2340  
W--> 237 tttartarar amrgggtttt cccgcnttgg cngggctggt cttnaantcc ttgamctcna 2400  
W--> 239 ktgaaccacc cgcctgtgcc ycccaaatg ctggaattac cancgttgan ccaccatgcc 2460  
W--> 241 gggcycacac gtttgarttt ganaccattg tnccattcct cttttggcct yttttttntc 2520

## RAW SEQUENCE LISTING

DATE: 05/08/2001

PATENT APPLICATION: US/09/834,794

TIME: 15:44:28

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\05082001\I834794.raw

W--> 243 catagnngct tcaagataga tangtaagrg cccagtagtn gttcwtarga agcnmatagr 2580  
 W--> 245 rancrggarc cantttnatc aggtgggcag gtgtccnngg cytcctgct ggytnntccc 2640  
 W--> 247 aagcgggtggt gttgccarga nktnttgar gtgataatgg gananaccag naggcmctga 2700  
 W--> 249 gtyncnntag gttnaaatgc caccaaaact ggcctttggc ctaatatccy ycnttgamta 2760  
 W--> 251 nttarcattt awttttattwa tttncctgac atttntgcma ncctttgtwt ttntatttcc 2820  
 W--> 253 nctntatara wgargaaatt tgaggntytt araggtaaaa tganttgcnc nrgtnnacmc 2880  
 W--> 255 aggaagtggc nraranaanc tttttanatn mgaaaaaatt aataaaatat aatatgagag 2940  
 W--> 257 taacttaaaa tattaataaa ccacaatttt aaattaatta accgtgataa ccaacattaa 3000  
 W--> 259 taaaagttaa gataccaaaa cactggtgtn taattttttt aactaacaaan ttgaattatt 3060  
 W--> 261 ttccatttta aattaattaa ccgtgataac caacattaat aaaagttaag ataccgn 3117  
 264 <210> SEQ ID NO: 7  
 265 <211> LENGTH: 381  
 266 <212> TYPE: DNA  
 267 <213> ORGANISM: Homo sapiens  
 269 <220> FEATURE:  
 270 <221> NAME/KEY: unsure  
 271 <222> LOCATION: (207)..(207) (208)..(208) "c" is at location 207  
 272 <223> OTHER INFORMATION: n may represent a or g or c or t/u  
 275 <220> FEATURE:  
 276 <221> NAME/KEY: unsure  
 277 <222> LOCATION: (272)..(272) (273)..(273) "a" is at location 272  
 278 <223> OTHER INFORMATION: n may represent a or g or c or t/u  
 281 <400> SEQUENCE: 7  
 282 atgcagcaga gaggactgc catcgtggcc ttggctgtct gtgcggccct acatgcctca 60  
 284 gaagccatac ttcccattgc ctccagctgt tgacaggagg ttccacatca tatttccaga 120  
 286 aggtcctctg aaagagtga tatgtgtgac atccagagag ctgatgggga ttgtgacttg 180  
 W--> 288 gctgctgtca tcttcatgt caagcgcga agaactctgt tcagcccgca caaccatact 240  
 W--> 290 gttaagcagt ggatgaaagt gcaagctgc aaaaaaatg gtaaggaaa tgtttgccac 300  
 292 aggaagaaa accatggcaa gaggaacagt aacagggcac atcaggggaa acacgaaaca 360  
 294 tacggccata aaactcctta t 381  
 297 <210> SEQ ID NO: 8  
 298 <211> LENGTH: 104  
 299 <212> TYPE: DNA  
 300 <213> ORGANISM: Homo sapiens  
 302 <400> SEQUENCE: 8  
 303 acacgaattc acgtaggaaa ttcttaacca aaaacattaa acctgaattt gatcacaaga 60  
 305 aaataattag gccaggcact gtggctcaca cctataatcc cagt 104  
 308 <210> SEQ ID NO: 9  
 309 <211> LENGTH: 25  
 310 <212> TYPE: DNA  
 311 <213> ORGANISM: Homo sapiens  
 313 <400> SEQUENCE: 9  
 314 gaattcacgt aggaaattct taacc 25  
 317 <210> SEQ ID NO: 10  
 318 <211> LENGTH: 22  
 319 <212> TYPE: DNA  
 320 <213> ORGANISM: Homo sapiens  
 322 <400> SEQUENCE: 10  
 323 actgggatta taggtgtgag cc 22

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/834,794

DATE: 05/08/2001  
TIME: 15:44:28

Input Set : A:\Seqlist.txt  
Output Set: N:\CRF3\05082001\I834794.raw

326 <210> SEQ ID NO: 11  
327 <211> LENGTH: 311  
328 <212> TYPE: DNA  
329 <213> ORGANISM: Homo sapiens  
331 <220> FEATURE:  
332 <221> NAME/KEY: unsure  
333 <222> LOCATION: (101)..(101)  
334 <223> OTHER INFORMATION: n may be a or g or c or t/u  
337 <220> FEATURE:  
338 <221> NAME/KEY: unsure  
339 <222> LOCATION: (162)..(162)  
340 <223> OTHER INFORMATION: n may be a or g or c or t/u  
343 <400> SEQUENCE: 11  
344 ggagagagcc gtatgtttcg tgtttccct gatgtgccct gttactgttc ctcttgccat 60  
346 ggtgtttctt cctgtggcaa acatttcctt taccattttt ntggcagct tgcactttca 120  
348 tccactgctt aacagtatgg ttgtggggc tgacacagat tnttctgccc ttgacatgaa 180  
350 ggatgacagc agccaagtca caatcccat cagctctctg gatgacacac atattcactc 240  
352 ttccaggag cctctggaa atatgatgtg aaacctccgt gcaacagctg gaggcaatgg 300  
354 gaagtatggc t 311  
357 <210> SEQ ID NO: 12  
358 <211> LENGTH: 20  
359 <212> TYPE: DNA  
C--> 360 <213> ORGANISM: Artificial *see item 11 on Eva Summary Sheet*  
362 <220> FEATURE:  
363 <223> OTHER INFORMATION: Sequencing primer T7  
365 <400> SEQUENCE: 12  
366 taatacgact cactataggg 20  
369 <210> SEQ ID NO: 13  
370 <211> LENGTH: 18  
371 <212> TYPE: DNA  
C--> 372 <213> ORGANISM: Artificial  
374 <220> FEATURE:  
375 <223> OTHER INFORMATION: pCR3.1 Reverse Primer  
377 <400> SEQUENCE: 13  
378 tagaaggcac agtcgagg 18  
381 <210> SEQ ID NO: 14  
382 <211> LENGTH: 22  
383 <212> TYPE: DNA  
C--> 384 <213> ORGANISM: Artificial  
386 <220> FEATURE:  
387 <223> OTHER INFORMATION: Gene specific primer (24R)  
389 <400> SEQUENCE: 14  
390 actgggatta taggtgtgag cc 22  
393 <210> SEQ ID NO: 15  
394 <211> LENGTH: 24  
395 <212> TYPE: DNA  
C--> 396 <213> ORGANISM: Artificial  
398 <220> FEATURE:  
399 <223> OTHER INFORMATION: Gene specific primer (24R2)

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/834,794

DATE: 05/08/2001  
TIME: 15:44:29

Input Set : A:\Seqlist.txt  
Output Set: N:\CRF3\05082001\I834794.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:58 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:360 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:372 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:384 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14  
L:396 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15  
L:408 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16  
L:420 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17



VERIFICATION SUMMARY                      DATE: 05/08/2001  
PATENT APPLICATION: US/09/834,794              TIME: 15:44:29

Input Set : A:\Seqlist.txt  
Output Set: N:\CRF3\05082001\I834794.raw

L:432 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18  
L:444 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19